

PTO-1449 Information Disclosure Citation In an Application	Application No. 10/611,564	Applicant(s) Kenneth R. Hall, et al.	
	Docket Number 017575.0854	Group Art Unit 1621	Filing Date July 1, 2003

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
✓	A	1,023,783	04/1912	Knapp			
	B	1,229,886	06/1917	Cherry			
	C	1,773,611	08/1930	Banck			
	D	1,800,586	04/1931	Youker			
	E	1,880,307	10/1932	Wulff			
	F	1,904,426	04/1933	Eisenhut			
	G	1,917,627	07/1933	Wulff			
	H	1,966,779	07/1934	Wulff	260	170	
	I	Re 19,500	3/1935	Youker	196	10	
	J	Re 19,794	12/1935	Banck et al.	260	170	
	K	2,028,014	01/1936	Reinecke	204	31	
	L	2,037,056	04/1936	Wulff	260	170	
	M	2,080,931	05/1937	Rose	240	31	
	N	2,160,170	05/1939	Martin et al.	260	679	
	O	2,328,864	09/1943	Throckmorton	196	10	
✓	P	2,475,282	7/1949	Hasche	23	209.4	

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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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✓	Q	0289391	03/1990	EP	C07C	2/76		
✓	R	0435591A2	12/1990	EP	C07C	11/24		

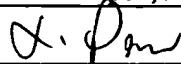
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
✓	S	A. Malek, et al., "Hydrogen Purification from Refinery Fuel Gas by Pressure Swing Adsorption," <i>AIChE Journal</i> , Vol. 44, No. 9, Sep. 1998, pp. 1985-1992.	09/1998
✓	T	Marshall Sittig, "Acetylene Processes and Products," <i>Chemical Process Review</i> , No. 22, 1968, 229 pages.	1968
✓	U	L. Bromberg, et al., "Plasma Reforming of Methane," <i>Energy & Fuels</i> , Vol. 12, No. 1, 1998, pp. 11-18	1998
✓	V	Michael J. Corke, "GTL Technologies Focus on Lowering Cost," <i>Oil & Gas Journal</i> , Sep. 21, 1998, pp. 71-77	09/21/1998

EXAMINER <i>J. P. [Signature]</i>	DATE CONSIDERED 11/13/05
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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DAL01:802296.1

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U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
W		2,550,089	04/1951	Schlesman	204	171	
X		2,558,861	07/1951	Liggett	23	288	
Y		2,645,673	07/1953	Hasche	260	679	
Z		2,675,294	04/1954	Keith	23	1	
AA		2,714,126	07/1955	Keith	260	679	
BB		2,751,424	06/1956	Hasche	260	679	
CC		2,768,223	10/1956	Williams et al.	260	679	
DD		2,986,505	05/1961	Lauer et al.	204	156	
EE		3,156,733	11/1964	Happel et al.	260	679	
FF		3,168,592	02/1965	Cichelli et al.	260	679	
GG		3,262,757	07/1966	Bodmer	32	284	
HH		3,283,028	11/1966	Bergstrom et al.	260	683	
II		3,320,146	05/1967	Neely, Jr.	204	171	
JJ		3,389,189	06/1968	Hirayama et al.	260	679	
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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
KK							
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)					DATE
LL		Michael J. Corke, "Economics Favor GTL Projects with Condensate Coproduction," <i>Oil & Gas Journal</i> , Sep. 28, 1998, pp. 96-101					09/28/1998
MM		Alan H. Singleton, "Advances Make gas-to-liquids Process Competitive for Remote Locations," <i>Oil & Gas Journal</i> , Aug. 4, 1997, pp. 68-72					08/04/1997
NN		T. Kodama, et al., "High-Temperature Conversion of CH ₄ to C ₂ -Hydrocarbons and H ₂ Using a Redox System of Metal Oxide," <i>Energy & Fuels</i> , Vol. 11, No. 6, 1997, pp. 1257-1263					1997
OO		S.H. Bauer, et al., Upgrading of Methane Under Homogeneous Thermal Conditions: An Environmental and Economic Imperative," <i>Energy & Fuels</i> , Vol. 11, 1997, pp. 1204-1218					1997
PP		"A —Liquefied Natural Gas as a Heavy Vehicle Fuel," <i>Commerce Business Daily</i> , Jul. 17, 1997					07/17/1997
QQ		Lance L. Lobban, et al., "Oxidative Coupling of Methane Using an AC Electric Discharge," <i>American Institute of Chemical Engineers 1996 Annual Meeting, Session 37, Paper 37f</i>					1996
RR		D.Q. Kern, "Process Heat Transfer," McGraw-Hill Book Co., New York (1950)					1950
SS		PCT International Search Report, Application No. PCT/US02/07183, Oct. 2, 2002					10/02/2002
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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<input checked="" type="checkbox"/>	TT	3,409,695	11/1968	Sennewald et al.	260	679	
<input type="checkbox"/>	UU	3,622,493	11/1971	Crusco	204	323	
<input type="checkbox"/>	VV	3,663,394	05/1972	Kawahara	204	168	
<input type="checkbox"/>	WW	3,674,668	07/1972	Bjornson et al.	204	171	
<input type="checkbox"/>	XX	3,697,612	10/1972	Maniero et al.	260	679	
<input type="checkbox"/>	YY	3,703,460	11/1972	Shair et al.	204	327	
<input type="checkbox"/>	ZZ	4,014,947	03/1977	Volodin et al.	C07C	21/02	
<input type="checkbox"/>	AAA	4,128,595	12/1978	Montgomery	585	261	
<input type="checkbox"/>	BBB	4,309,359	01/1982	Pinto	518	705	
<input type="checkbox"/>	CCC	4,336,045	06/1982	Saunders et al.			
<input type="checkbox"/>	DDD	4,367,363	01/1983	Katz et al.	585	809	
<input type="checkbox"/>	EEE	4,378,232	03/1983	Peuckert et al.	48	210	
<input type="checkbox"/>	FFF	4,424,401	01/1984	White et al.	585	416	
<input type="checkbox"/>	GGG	4,492,591	01/1985	O'Reilly	62	632	
<input type="checkbox"/>	HHH	4,497,970	02/1985	Young	585	417	
<input type="checkbox"/>	III	4,513,164	04/1985	Oláh	585	700	
<input type="checkbox"/>	JJJ	4,566,961	01/1986	Diaz et al.	204	168	
<input type="checkbox"/>	KKK	4,575,383	03/1986	Lowther et al.	48	212	
<input type="checkbox"/>	LLL	4,588,850	05/1986	Mueller et al.	585	539	
<input checked="" type="checkbox"/>	MMM	4,704,496	11/1987	Paparizos et al.	585	500	

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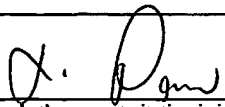
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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
SP	PPP	4,705,906	11/1987	Brophy et al.	585	262	
	QQQ	4,705,908	11/1987	Gondouin	585	500	
	RRR	4,757,787	07/1988	Risitano et al.	123	25	
	SSS	4,761,515	08/1988	Gondouin	585	500	
	TTT	4,795,536	01/1989	Young et al.	424	422	
	UUU	4,797,185	01/1989	Polak et al.	205	637	
	VVV	4,822,940	04/1989	Leff et al.	585	415	
	WWW	4,906,800	03/1990	Henry et al.	585	260	
	XXX	4,950,821	08/1990	Ratnasamy et al.	585	310	
	YYY	4,952,743	08/1990	Come	585	541	
	ZZZ	4,973,776	11/1990	Allenger et al.	585	310	
	AAAA	4,973,786	11/1990	Karra	585	500	
	BBBB	4,981,829	01/1991	Shutt et al.	502	202	
	CCCC	5,012,029	04/1991	Han et al.	585	500	
	DDDD	5,015,349	05/1991	Suib et al.	204	168	
	EEEE	5,019,355	05/1991	Sackinger	422	186.04	
	FFFF	5,026,944	06/1991	Allenger et al.	585	500	
	GGGG	5,053,575	10/1991	Nikravech et al.	585	500	
SP	HHHH	5,073,666	12/1991	Zemanian et al.	585	734	

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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>JK</i>	KKKK	5,118,893	06/1992	Timmons et al.	585	416	
	LLLL	5,131,993	07/1992	Suib et al.	204	168	
	MMMM	5,138,113	08/1992	Juguin et al.	585	322	
	NNNN	5,181,998	01/1993	Murphy et al.	204	157.15	
	OOOO	5,205,912	04/1993	Murphy	204	157.15	
	PPPP	5,205,915	04/1993	Ravella et al.	204	157.15	
	QQQQ	5,277,773	01/1994	Murphy	204	168	
	RRRR	5,328,577	07/1994	Murphy	204	168	
	SSSS	5,336,825	08/1994	Choudhary et al.	585	500	
	TTTT	5,472,581	12/1995	Wan	204	157.6	
	UUUU	5,498,278	03/1996	Edlund	96	11	
	VVVV	5,510,550	04/1996	Cheung et al.	585	259	
	WWWW	5,518,530	05/1996	Sakai et al.	96	11	
	XXXX	5,583,274	12/1996	Cheung et al.	585	261	
	YYYY	5,585,318	12/1996	Johnson et al.	502	330	
	ZZZZ	5,587,348	12/1996	Brown et al.	502	230	
	AAAAA	5,629,102	05/1997	Werth	429	17	
	BBBBB	5,675,041	10/1997	Kiss et al.	568	454	
	CCCCC	5,695,618	12/1997	O'Young et al.	204	157.43	
<i>JK</i>	DDDDD	5,714,657	02/1998	de Vries	585	310	

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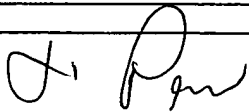
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✓	GGGGG	5,749,937	05/1998	Detering et al.	75	10.19	
✓	HHHHH	6,130,260	10/2000	Hall et al.	518	703	
✓	IIIII	6,323,247	11/2001	Hall et al.	518	700	
✓	JJJJJ	6,602,920	08/2003	Hall et al.	518	700	
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